

WHAT IS CLAIMED IS:

1. An optical part linkage device for linking a first part and a second part, the first part including a threaded portion and holding an optical device, and the second part including a threaded portion that is screwable to the threaded portion of the first part and holding an optical device that forms a pair with the optical device held by the first part, the optical part linkage device comprising:

a positioning recess that is formed in either one of the first part and the second part; and

a positioning protrusion that is formed in either of the other of the first part and the second part, the positioning protrusion being selectively engageable with the recess as a rotating operation is carried out.

2. An optical part linkage device according to Claim 1, wherein the threaded portion of the first part is an external thread, with one or two or more positioning protrusions being formed continuously at the location of a terminal end of the external thread along a same circumference.

3. An optical part linkage device according to Claim 2, wherein the threaded portion of the second part is an

09923680 081301

internal thread, with a plurality of recesses being formed continuously at an end of the internal thread along a same circumference.

4. An optical part linkage device according to Claim 1, wherein the first part is a lens barrel to which an image-forming device is mounted.

5. An optical part linkage device according to Claim 4, wherein the second part is a holder for holding the lens barrel, an image pickup device being mounted to the holder.

6. An optical part linkage device according to Claim 5, wherein, by selecting a location of engagement of the recess and the protrusion, a focal location with respect to the image pickup device is fixed by the image-forming device.

7. An optical part linkage device according to Claim 5, wherein an image-forming-device focus adjustment pitch is determined by an engagement pitch between the recess and the protrusion, an inside diameter of the lens barrel, and pitches of the threaded portions.

8. An optical module including a linkage structure for linking a first part and a second part, the first part

09928680-081301

including a threaded portion and holding an image-forming device, and the second part including a threaded portion screwable to the threaded portion of the first part and holding an image pickup device, the optical module comprising:

a positioning recess that is formed in either one of the first part and the second part; and

a positioning protrusion that is formed at either of the other of the first part and the second part, the positioning protrusion being selectively engageable with the recess.

9. An optical module according to Claim 8, wherein the threaded portion of the first part is an external thread, with one or two or more positioning protrusions being formed continuously at the location of a terminal end of the external thread along a same circumference.

10. An optical module according to Claim 9, wherein the threaded portion of the second part is an internal thread, with a plurality of recesses being formed continuously at an end of the internal thread along a same circumference.

09022660 "081201"